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Set Items Description  
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? s (parkinson? or neurodegenerative) (10n) (glial (n) cell or GDNF) and lentivir?  
Processed 10 of 34 files ...  
Processing  
Completed processing all files  
267435 PARKINSON?  
85551 NEURODEGENERATIVE  
215431 GLIAL  
14371912 CELL  
50634 GLIAL(N)CELL  
11786 GDNF  
1649 (PARKINSON? OR NEURODEGENERATIVE) (10N) (GLIAL(N)CELL OR  
GDNF)  
117391 LENTIVIR?  
S1 100 (PARKINSON? OR NEURODEGENERATIVE) (10N) (GLIAL (N) CELL  
OR GDNF) AND LENTIVIR?  
? s s1 and (parkinson? or neurodegenerative) (10n) lentivir?  
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267435 PARKINSON?  
85551 NEURODEGENERATIVE  
117391 LENTIVIR?  
157 (PARKINSON? OR NEURODEGENERATIVE) (10N)LENTIVIR?  
S2 66 S1 AND (PARKINSON? OR NEURODEGENERATIVE) (10N) LENTIVIR?

? rd s2  
...examined 50 records (50)  
...completed examining records  
S3 18 RD S2 (unique items)

? d s3/3/1-18  
Display 3/3/1 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

14387275 BIOSIS NO.: 200300381304  
GENE THERAPY FOR NEUROLOGICAL DISEASE: TRANSITION TO THE CLINIC.  
AUTHOR: Tuszyński M H(a); Kordower J H; Davidson B L; Martuza R L  
AUTHOR ADDRESS: (a)Dept. Neurosciences, University of California - San  
Diego, La Jolla, CA, USA\*\*USA  
JOURNAL: Society for Neuroscience Abstract Viewer and Itinerary Planner  
2002pAbstract No 611 2002  
MEDIUM: cd-rom  
CONFERENCE/MEETING: 32nd Annual Meeting of the Society for Neuroscience  
Orlando, Florida, USA November 02-07, 2002  
SPONSOR: Society for Neuroscience  
RECORD TYPE: Abstract  
LANGUAGE: English

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DIALOG(R)File 5:Biosis Previews(R)  
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14311425 BIOSIS NO.: 200300305454  
REGULATED GLIAL DERIVED NEUROTROPHIC FACTOR PRODUCTION BY NEUROSPHERES  
STIMULATES AND PROTECTS DOPAMINE NEURONS.  
AUTHOR: Behrstock S(a); Tai Y T; Ostenfeld T; Ludtke J(a); Klein S(a);  
Deglon N; Aebischer P; Svendsen C N(a)  
AUTHOR ADDRESS: (a)Waisman Center, Univ of Wisconsin, Madison, WI, USA\*\*USA  
JOURNAL: Society for Neuroscience Abstract Viewer and Itinerary Planner  
2002pAbstract No 53112 2002  
MEDIUM: cd-rom

CONFERENCE/MEETING: 32nd Annual Meeting of the Society for Neuroscience  
Orlando, Florida, USA November 02-07, 2002  
SPONSOR: Society for Neuroscience  
RECORD TYPE: Abstract  
LANGUAGE: English

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Display 3/3/3 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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13962838 BIOSIS NO.: 200200591659

Neuroprotection in the rat **Parkinson** model by intrastriatal  
**GDNF** gene transfer using a **lentiviral** vector.

AUTHOR: Georgievska Biljana(a); Kirik Deniz; Rosenblad Carl; Lundberg  
Cecilia; Bjorklund Anders

AUTHOR ADDRESS: (a)Wallenberg Neuroscience Center, Department of  
Physiological Sciences, Lund University, 22184, BMC A11, Lund\*\*Sweden

JOURNAL: Neuroreport 13 (1):p75-82 21 January, 2002

MEDIUM: print

ISSN: 0959-4965

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

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Display 3/3/4 (Item 4 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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13778235 BIOSIS NO.: 200200407056

**Lentivirally** delivered glial cell line-derived neurotrophic factor  
increases the number of striatal dopaminergic neurons in primate models  
of nigrostriatal degeneration.

AUTHOR: Palfi Stephane; Leventhal Liza; Chu Yaping; Ma Shuang Y; Emborg  
Marina; Bakay Roy; Deglon Nicole; Hantraye Philippe; Aebischer Patrick;  
Kordower Jeffrey H(a)

AUTHOR ADDRESS: (a)Department of Neurological Sciences, Rush Presbyterian  
Medical Center, 2242 West Harrison Street, Chicago, IL, 60612\*\*USA  
E-Mail: jkordowe@rush.edu

JOURNAL: Journal of Neuroscience 22 (12):p4942-4954 June 15, 2002

MEDIUM: print

ISSN: 0270-6474

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

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Display 3/3/5 (Item 5 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12902548 BIOSIS NO.: 200100109697

**Lentiviral** delivery of GDNF in MPTP-treated monkeys: effects on  
behavior and FD PET uptake.

AUTHOR: Emborg M E(a); Kordower J H; Bloch J; Ma S; Chu Y P; Leventhal L;  
Palfi J; McBride J; Stansell J; Carvey P; Holden J; Brown D; Taylor M;  
Aebischer P; Deglon N

AUTHOR ADDRESS: (a)Rush Univ., Chicago, IL\*\*USA

JOURNAL: Society for Neuroscience Abstracts 26 (1-2):pAbstract No-76518

2000

MEDIUM: print

CONFERENCE/MEETING: 30th Annual Meeting of the Society of Neuroscience New Orleans, LA, USA November 04-09, 2000

SPONSOR: Society for Neuroscience

ISSN: 0190-5295

RECORD TYPE: Abstract

LANGUAGE: English

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DIALOG(R)File 5:Biosis Previews(R)

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12841775 BIOSIS NO.: 200100048924

Towards a neuroprotective gene therapy for **Parkinson's** disease: Use of adenovirus, AAV and **lentivirus** vectors for gene transfer of **GDNF** to the nigrostriatal system in the rat **Parkinson** model.

AUTHOR: Bjorklund A(a); Kirik D; Rosenblad C; Georgievska B; Lundberg C; Mandel R J

AUTHOR ADDRESS: (a)Wallenberg Neuroscience Center, Section of Neurobiology, Lund University, Solvegatan 17, S-22362, Lund:  
anders.bjorklund@mpny.lu.se\*\*Sweden

JOURNAL: Brain Research 886 (1-2):p82-98 15 December, 2000

MEDIUM: print

ISSN: 0006-8993

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

- end of record -

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Display 3/3/7 (Item 7 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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12813862 BIOSIS NO.: 200100021011

Neurodegeneration prevented by **lentiviral** vector delivery of **GDNF** in primate models of **Parkinson's** disease.

AUTHOR: Kordower Jeffrey H(a); Emborg Marina E; Bloch Jocelyn; Ma Shuang Y; Chu Yaping; Leventhal Liza; McBride Jodi; Chen Er-Yun; Palfi Stephane; Roitberg Ben Zion; Brown W Douglas; Holden James E; Pyzalski Robert; Taylor Michael D; Carvey Paul; Ling ZaoDung; Trono Didier; Hantraye Philippe; Deglon Nicole; Aebischer Patrick

AUTHOR ADDRESS: (a)Department of Neurological Sciences, Rush Presbyterian-St. Luke's Medical Center, Chicago, IL, 60612:  
jkordowe@rush.edu\*\*USA

JOURNAL: Science (Washington D C) 290 (5492):p767-773 27 October, 2000

MEDIUM: print

ISSN: 0036-8075

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

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DIALOG(R)File 5:Biosis Previews(R)  
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12619255 BIOSIS NO.: 200000372757

**Lentiviral** vectors as a gene delivery system in the mouse midbrain:  
Cellular and behavioral improvements in a 6-OHDA model of **Parkinson**'s disease using **GDNF**.

AUTHOR: Bensadoun Jean-Charles(a); Deglon Nicole(a); Tseng Jack L(a); Ridet Jean-Luc(a); Zurn Anne D(a); Aebischer Patrick(a)

AUTHOR ADDRESS: (a)Division of Surgical Research and Gene Therapy Center,  
Centre Hospitalier Universitaire Vaudois, Pavillon 4, 1011, Lausanne\*\*  
Switzerland

JOURNAL: Experimental Neurology 164 (1):p15-24 July, 2000

MEDIUM: print

ISSN: 0014-4886

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

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Display 3/3/9 (Item 1 from file: 6)  
DIALOG(R)File 6:NTIS  
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2161455 NTIS Accession Number: ADA374727/XAB

Gene Therapy in a Nonhuman Primate Model of Parkinson's Disease  
(Annual rept. 15 Sep 98-14 Sep 99)

Kordower, J.

Rush-Presbyterian-St. Luke's Medical Center, Chicago, IL.

Corp. Source Codes: 059422000; 390122

Oct 1999 26p

Languages: English

Journal Announcement: USGRDR0014

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DIALOG(R)File 154: MEDLINE(R)  
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09397663 21163793 PMID: 11266028

**Glial cell** line-derived neurotrophic factor (**GDNF**) prevents neurodegeneration in models of **Parkinson's** disease.

Reilly C E

Journal of neurology (Germany) Jan 2001, 248 (1) p76-8, ISSN  
0340-5354 Journal Code: 0423161

Document type: News  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: Completed

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?  
Display 3/3/11 (Item 1 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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137159056 CA: 137(11)159056s JOURNAL  
Sustained delivery of GDNF: towards a treatment for Parkinson's disease  
AUTHOR(S): Zurn, Anne D.; Widmer, Hans R.; Aebischer, Patrick  
LOCATION: Division of Surgical Research and Gene Therapy Center, CHUV,  
CH-1011, Lausanne, Switz.  
JOURNAL: Brain Res. Rev. (Brain Research Reviews) DATE: 2001 VOLUME: 36  
NUMBER: 2-3 PAGES: 222-229 CODEN: BRERD2 ISSN: 0165-0173  
PUBLISHER ITEM IDENTIFIER: 0165-0173(01)00098-4 LANGUAGE: English  
PUBLISHER: Elsevier Science B.V.

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Display 3/3/12 (Item 2 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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136257673 CA: 136(17)257673q JOURNAL  
Ex Vivo and In Vitro Studies of Transgene Expression in Rat Astrocytes  
Transduced with Lentiviral Vectors  
AUTHOR(S): Ericson, Cecilia; Wictorin, Klas; Lundberg, Cecilia  
LOCATION: Wallenberg Neuroscience Center, Department of Physiological  
Sciences, Lund University, S-221 84, Lund, Swed.  
JOURNAL: Exp. Neurol. DATE: 2002 VOLUME: 173 NUMBER: 1 PAGES: 22-30  
CODEN: EXNEAC ISSN: 0014-4886 LANGUAGE: English PUBLISHER: Academic  
Press

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Display 3/3/13 (Item 1 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2003 Inst for Sci Info. All rts. reserv.

11865731 Genuine Article#: 705BC No. References: 24  
Title: In vivo delivery of glial cell-derived neurotrophic factor across  
the blood-brain barrier by gene transfer into brain capillary  
endothelial cells  
Author(s): Jiang C; Koyabu N; Yonemitsu Y; Shimazoe T; Watanabe S; Naito M;  
Tsuruo T; Ohtani H; Sawada Y (REPRINT)  
Corporate Source: Kyushu Univ,Dept Med Pharmaceut Sci, Grad Sch Pharmaceut  
Sci, Higashi Ku,3-1-1 Maidashi/Fukuoka 8128582//Japan/ (REPRINT);  
Kyushu Univ,Dept Med Pharmaceut Sci, Grad Sch Pharmaceut Sci, Higashi  
Ku,Fukuoka 8128582//Japan/; Kyushu Univ,Dept Pharmacol, Grad Sch  
Pharmaceut Sci, Higashi Ku,Fukuoka 8128582//Japan/; Kyushu Univ,Div  
Pathophysiol & Expt Pathol, Dept Pathol, Grad Sch Med Sci,Higashi  
Ku,Fukuoka 8128582//Japan/; Univ Tokyo,Inst Mol & Cellular Biosci,  
Bunkyo Ku,Tokyo//Japan/  
Journal: HUMAN GENE THERAPY, 2003, V14, N12 (AUG), P1181-1191  
ISSN: 1043-0342 Publication date: 20030800

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DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2003 Inst for Sci Info. All rts. reserv.  
Publisher: MARY ANN LIEBERT INC PUBL, 2 MADISON AVENUE, LARCHMONT, NY 10538  
USA  
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

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Display 3/3/14 (Item 1 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2003 Elsevier Science B.V. All rts. reserv.

11981662 EMBASE No: 2003092697  
Comparative study of GDNF delivery systems for the CNS: Polymer rods,  
encapsulated cells, and **lentiviral** vectors  
Bensadoun J.-C.; De Almeida L.P.; Fine E.G.; Tseng J.L.; Deglon N.;  
Aebischer P.  
P. Aebischer, Institute of Neurosciences, Swiss Fed. Inst. Technol. L.,  
CH-1015 Lausanne Switzerland  
AUTHOR EMAIL: patrick.aebischer@epfl.ch  
Journal of Controlled Release ( J. CONTROL. RELEASE ) (Netherlands) 21  
FEB 2003, 87/1-3 (107-115)  
CODEN: JCREEE ISSN: 0168-3659  
DOCUMENT TYPE: Journal ; Conference Paper  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH  
NUMBER OF REFERENCES: 33

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Display 3/3/15 (Item 1 from file: 144)  
DIALOG(R)File 144:Pascal  
(c) 2003 INIST/CNRS. All rts. reserv.

16015588 PASCAL No.: 03-0161627  
Aberrant sprouting and downregulation of tyrosine hydroxylase in lesioned  
nigrostriatal dopamine neurons induced by long-lasting overexpression of  
glial cell line derived neurotrophic factor in the striatum by  
**lentiviral** gene transfer  
GEORGIEVSKA Biljana; KIRIK Deniz; BJOERKLUND Anders  
Wallenberg Neuroscience Center, Department of Physiological Sciences,  
Lund University, BMC All, 221 84 Lund, Sweden  
Journal: Experimental neurology : (Print), 2002, 177 (2) 461-474  
Language: English

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Display 3/3/16 (Item 2 from file: 144)  
DIALOG(R)File 144:Pascal  
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14439955 PASCAL No.: 00-0098236  
Self-inactivating **lentiviral** vectors with enhanced transgene  
expression as potential gene transfer system in Parkinson's disease  
DEGLON N; TSENG J L; BENSAOUN J C; ZURN A D; ARSENJEVIC Y; PEREIRA DE  
ALMEIDA L; ZUFFEREY R; TRONO D; AEBISCHER P  
Division of Surgical Research and Gene Therapy Center, Lausanne  
University, 1011 Lausanne, Switzerland; Department of Genetics and  
Microbiology, Geneva University, Geneva, Switzerland  
Journal: Human gene therapy, 2000, 11 (1) 179-190  
Language: English

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Display 3/3/17 (Item 3 from file: 144)  
DIALOG(R)File 144:Pascal  
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13616530 PASCAL No.: 98-0322507

Potential of gene therapy for Parkinson's disease : Neurobiologic issues and new developments in gene transfer methodologies

UN JUNG KANG

FAHN Stanley, pref; BURKE Robert E, pref; MAYEUX Richard, pref;  
PRZEDBORSKI Serge, pref

Departments of Neurology and Pharmacological and Physiological Sciences, University of Chicago, Illinois, United States

The Neurological Institute, New York, NY, United States; Department of Neurology, Columbia University, New York, NY, United States; Columbia University, Neurology Department, New York, NY, United States; The Gertrude H. Sergievsky Center, New York, NY, United States

The Parkinson's Disease Foundation, Unknown.

Frontiers in Parkinson's Disease. Symposium (New York City USA)

1997-05-31

Journal: Movement disorders, 1998, 13 (SUP1) 59-72

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DIALOG(R)File 144:Pascal  
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Display 3/3/18 (Item 1 from file: 357)  
DIALOG(R)File 357:Derwent Biotech Res.  
(c) 2003 Thomson Derwent & ISI. All rts. reserv.

0301817 DBR Accession No.: 2003-03602 PATENT

Delivering a **lentivirus** encoding a neurotrophin to a targeted region of a mammalian brain which contains defective, diseased or damaged neurons is useful to treat neurodegenerative diseases including Parkinson's and Alzheimer's - HIV virus-1 vector-mediated beta-galactosidase and glial cell-derived neurotrophic factor gene transfer and expression in host cell for disease gene therapy

AUTHOR: TUSZYNSKI M H

PATENT ASSIGNEE: UNIV CALIFORNIA 2002

PATENT NUMBER: US 20020106350 PATENT DATE: 20020808 WPI ACCESSION NO.: 2002-697859 (200275)

PRIORITY APPLIC. NO.: US 32952 APPLIC. DATE: 20011026

NATIONAL APPLIC. NO.: US 32952 APPLIC. DATE: 20011026

LANGUAGE: English

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Ref Items Index-term

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E2 27 AU=AEBISCHER, T.

E3        28 AU=AEBISCHER, TONI  
E4        4 AU=AEBISCHER, TONY  
E5        1 AU=AEBISCHER, U.  
E6        3 AU=AEBISCHER, URS  
E7        6 AU=AEBISCHER, V.  
E8        1 AU=AEBISCHER, D.  
E9        1 AU=AEBISCHERT T  
E10      1 AU=AEBISHCHER, N. J  
E11      1 AU=AEBISHER C.C.  
E12      7 AU=AEBISHER D

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E1	1017	*AU=AEBISCHER P
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E3	1	AU=AEBISCHER PA
E4	2	AU=AEBISCHER PARTICK
E5	179	AU=AEBISCHER PATRICK
E6	1	AU=AEBISCHER R
E7	5	AU=AEBISCHER S
E8	1	AU=AEBISCHER S.
E9	2	AU=AEBISCHER STEFAN
E10	142	AU=AEBISCHER T
E11	53	AU=AEBISCHER T.
E12	59	AU=AEBISCHER TONI

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? e au=naylor, stuart

Ref	Items	Index-term
E1	11	AU=NAYLOR, STEVE
E2	10	AU=NAYLOR, STEVEN
E3	15	*AU=NAYLOR, STUART
E4	1	AU=NAYLOR, STUART W
E5	1	AU=NAYLOR, STUART W.
E6	7	AU=NAYLOR, SUSAN
E7	1	AU=NAYLOR, SUSAN BRUMLEY
E8	2	AU=NAYLOR, SUSAN JEAN
E9	2	AU=NAYLOR, SUSAN K.
E10	1	AU=NAYLOR, SUSAN L
E11	97	AU=NAYLOR, SUSAN L.
E12	2	AU=NAYLOR, SUSAN LYNN

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E1	2	AU=NAYLOR STEPHEN J
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E3	21	*AU=NAYLOR STUART
E4	2	AU=NAYLOR STUART M
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E6	19	AU=NAYLOR SUSAN
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E8	6	AU=NAYLOR SUSAN K
E9	77	AU=NAYLOR SUSAN L
E10	10	AU=NAYLOR SUSAN T
E11	3	AU=NAYLOR SW
E12	154	AU=NAYLOR T

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S4 21 AU='NAYLOR STUART'  
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267435 PARKINSON?  
S5 0 S4 AND PARKINSON?  
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